

ABSTRACT OF THE DISCLOSURE

In A simultaneous multibeam scanning system, composite beams are formed by using two semiconductor laser arrays each of which can singly output a plurality of beams. An optical system is enabled to scan beams of the number, which corresponds to the sum total of output beams of each of laser light sources, in a scanning plane. A stabilization control means for maintaining the interval between adjacent scanning beams at a uniform value is introduced into this optical system.